

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work

**De-setting and Re-setting of drain and re asphaltting of
roads to Chikkasandra Area in Ward No 12 Shettyhalli
Sub Division**

Estimated Cost

Rs :- 100.00 Lakh

**Office of the
Executive Engineer
Dasarahalli Division**

**BRUHAT BANGALORE MAHANAGARA PALIKE
Bangalore**

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪ ವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ, ವಲಯ,

ಅಂದಾಜು ಪಟ್ಟಿಯೊಂದಿಗಿನ ವರದಿ

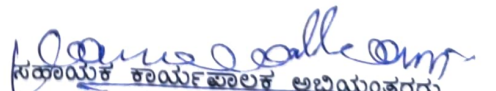
ಕಾಮಗಾರಿಯ ಹೆಸರು:- Desilting & Re Setting of drain and Re asphaltting of roads to Chikkasandra Area in ward No 12 Shettyhalli Sub Division.
ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ :- 2018-19ನೇ ಸಾಲಿನ ಪಿ ಕೋಡ್-0190 (Work Sanctioned by Hon Mayor)

ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪ ವಿಭಾಗದ ವಾರ್ಡ್ ನಂ. 12ರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ 2018-19ನೇ ಸಾಲಿನ ಪಾಲಿಕೆ ಅಯವ್ಯಯದ ಪಿ ಕೋಡ್- 0190 ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ ಅಡಿಯಲ್ಲಿ ಮೇಲಿನ ಕಾಮಗಾರಿಯ ಜಾಬ್‌ಕೋಡ್ ಸಂಖ್ಯೆ: 012-18-000018 ರಲ್ಲಿ ರೂ. 100.00 ಲಕ್ಷಗಳಿಗೆ ಅನುಮೋದನೆಗೊಂಡಿರುತ್ತದೆ.

ಬಿ.ಬಿ.ಎಂ.ಪಿ ವಾರ್ಡ್ ನಂ-12ರ ಶೆಟ್ಟಿಹಳ್ಳಿ ವ್ಯಾಪ್ತಿಯ ಚಿಕ್ಕಸಂದ್ರ ಗ್ರಾಮದ ಸುತ್ತಮುತ್ತಲಿನ ರಸ್ತೆಗಳು ತುಂಬಾ ಹಾಳಾಗಿದ್ದು, ಸದರಿ ರಸ್ತೆಯ ಪಕ್ಕದಲ್ಲಿನ ಮೋರಿಗಳಲ್ಲಿ ತುಂಬಿರುವ ಹೂಳನ್ನು ತೆಗೆಯಲು ಹಾಗೂ ರಸ್ತೆ ಡಾಂಬರೀಕರಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಬೇಕಾಗಿರುತ್ತದೆ ಹಾಗೂ ಸದರಿ ಪ್ರಸ್ತಾಪಿತ ಪ್ರದೇಶಗಳಲ್ಲಿ ಕಳೆದ 3 ವರ್ಷಗಳಲ್ಲಿ ರಸ್ತೆಯ ಪಕ್ಕದಲ್ಲಿನ ಮೋರಿಗಳಲ್ಲಿ ತುಂಬಿರುವ ಹೂಳನ್ನು ತೆಗೆಯಲು ಹಾಗೂ ರಸ್ತೆ ಡಾಂಬರೀಕರಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಿರುವುದಿಲ್ಲ. ಆದ್ದರಿಂದ ಈ ಪ್ರದೇಶಗಳಲ್ಲಿ ಪ್ರಸ್ತಾಪಿತ ಕಾಮಗಾರಿ ನಿರ್ವಹಿಸುವುದು ತುಂಬಾ ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ. 2018-19ನೇ ಸಾಲಿನ ಬಿಬಿಎಂಪಿ ಅಯವ್ಯಯದಲ್ಲಿ ಪಿ-0190 ರಲ್ಲಿ ರೂ. 100.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು ಈ ಕಾಮಗಾರಿಗೆ ಮೀಸಲಿರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನಕ್ಕೆ 2018-19ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ದರಪಟ್ಟಿಯ ದರಗಳ ಅನುಸಾರ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳೊಂದಿಗೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ. 100.00 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ.

1. Earth Work Excavation by Manual means in Hard Soil.
2. Lead & Lift Charges.
3. Compaction of Original Ground by mechanical Means.
4. Providing, Laying Spreading Compacteing graded stone aggregate to WMM.
5. Providing and applying primer coat.
6. Providing & Laying Bituminus Maccadum.
7. Providing and applying primer coat.
8. Providing and Laying Semi dense bituminous Concrete.
9. Road Marking.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ಸಂಖ್ಯೆ. 12


ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ



BRUHAT BANGALORE MAHANAGARA PALIKE

De-setting and Re-setting of drain and re asphaltting of roads to Chikkasandra Area in
Ward No 12 Shettyhalli Sub Division

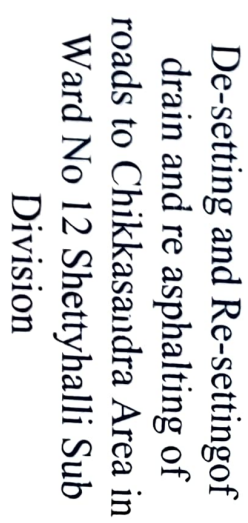
JOB Code:- 012-18-000018

Est Cost 100.00 Lakhs

SI No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
1	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (PWD SR 2018-19 P.No: 143, I.No.: 19.2)								
	Mp Lay out Cross Road-1	Cum	1	102.00	5.00	0.35	178.50		
	Cross Road 2		1	97.00	5.00	0.35	169.75		
	Cross Road 3		1	141.00	5.00	0.35	246.75		
	Cross Road 4		1	152.00	5.00	0.35	266.00		
	Sub Cross Road 4		1	65.00	4.00	0.35	91.00		
	Back Railway parallel Road		1	430.00	6.00	0.35	903.00		
	Cross Road--		3	138.15	4.25	0.35	616.49		
	Basic Rate	179.00					2471.49	189.74	468941.00
	Add 6% Area weightage	10.74							
	Total	189.74							
2	Lead and Lift charges for Exvated Earth including loading and unloading complete as per specifications.								
		Cum		Qty vide Item No 1+6			2471.49		
	P-142,I-17.4 (2.00 x 1.28 x 5 Kmls)	12.80					2471.49	73.99	182861.00
	P-142,I-17.1 (Loading and unloading)	57.00							
		69.80							
	Add 6% Area weightage	4.19							
	Total	73.99							
3	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (PWD SR 2018-19 P.No: 147, I.No.: 19.64)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parallel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
							7061.41	6.36	44911.00
	Basic Rate	6.00							
	Add 6% Area weightage	0.36							
	Total	6.36							

SI No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
4	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (PWD SR 2018-19 P.No: 155, I.No.: 20.18)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.20	102.00		
	Cross Road 2		1	97.00	5.00	0.20	97.00		
	Cross Road 3		1	141.00	5.00	0.20	141.00		
	Cross Road 4		1	152.00	5.00	0.20	152.00		
	Sub Cross Road 4		1	65.00	4.00	0.20	52.00		
	Back Railway parallel Road		1	430.00	6.00	0.20	516.00		
	Cross Road--		3	138.15	4.25	0.20	352.28		
	Basic Rate	1888.00							
	Add 6% Area weightage	113.28					1412.28	2001.28	2826373.00
	Total	2001.28							
5	KSRRB M500- 4 Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 0.90kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour, HOM of machineries complete as per specifications.. MORTH Chapter 501 of MORTH V revision (PWD SR 2018-19 P.No: 158, I.No.: 21.5)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parallel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
	Basic Rate	41.00					7061.41	43.46	306889.00
	Add 6% Area weightage	2.46							
	Total	43.46							
6	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix-formula for base / binding course including loading of aggregates with F.E. loader; hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-1 (50 mm to 75mm) with 3.3 % VG-30 Bitumen (PWD SR 2018-19 P.No: 159, I.No.: 21.11.2)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.05	25.50		
	Cross Road 2		1	97.00	5.00	0.05	24.25		
	Cross Road 3		1	141.00	5.00	0.05	35.25		
	Cross Road 4		1	152.00	5.00	0.05	38.00		
	Sub Cross Road 4		1	65.00	4.00	0.05	13.00		
	Back Railway parallel Road		1	430.00	6.00	0.05	129.00		
	Cross Road--		3	138.15	4.25	0.05	88.07		
	Basic Rate	6879.00					353.07	7291.74	2574499.00

SI No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
	Add 6% Area weightage	412.74						6.6	748.7
	Total	7291.74						5.6A	748.7
7	KSRRB M500- 4 Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 0.90kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour, HOM of machineries complete as per specifications.. MORTH Chapter 501 of MORTH V revision (PWD SR 2018-19 P.No: 158, I.No.: 21.5)								828.7
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parallel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
							7061.41	43.46	306889.00
	Basic Rate	41.00							
	Add 6% Area weightage	2.46							
	Total	43.46							
8	KSRRB M500-18. Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen (PWD SR 2018-19 P.No: 160, I.No.: 21.20.2)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.025	12.75		
	Cross Road 2		1	97.00	5.00	0.025	12.13		
	Cross Road 3		1	141.00	5.00	0.025	17.63		
	Cross Road 4		1	152.00	5.00	0.025	19.00		
	Sub Cross Road 4		1	65.00	4.00	0.025	6.50		
	Back Railway parallel Road		1	430.00	6.00	0.025	64.50		
	Cross Road--		3	138.15	4.25	0.025	44.04		
							176.54	9393.72	1658323.00
	Basic Rate	8862.00							
	Add 6% Area weightage	531.72							
	Total	9393.72							
9	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (PWD SR 2018-19 P.No: 182, I.No.: 24.5)								
	Mp Lay out Cross Road-1	2	1	102.00	0.15		30.60		
	Cross Road 2	2	1	97.00	0.15		29.10		
	Cross Road 3	2	1	141.00	0.15		42.30		
	Cross Road 4	2	1	152.00	0.15		45.60		
	Sub Cross Road 4	2	1	65.00	0.15		19.50		
	Back Railway parallel Road	2	1	430.00	0.15		129.00		
	Cross Road--	2	3	138.15	0.15		124.34		
		Sqm					389.84	454.74	177274.00
	Basic Rate	429.00							
	Add 6% Area weightage	25.74							



Division

Korollar. 5.7

Deine Aufgaben

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಜಯ್‌ರತ್ನರು

ಶ್ರೀಮತ್ ಸುಪ್ರಸನ್ನಾ